

FIG. 1
PRIOR ART

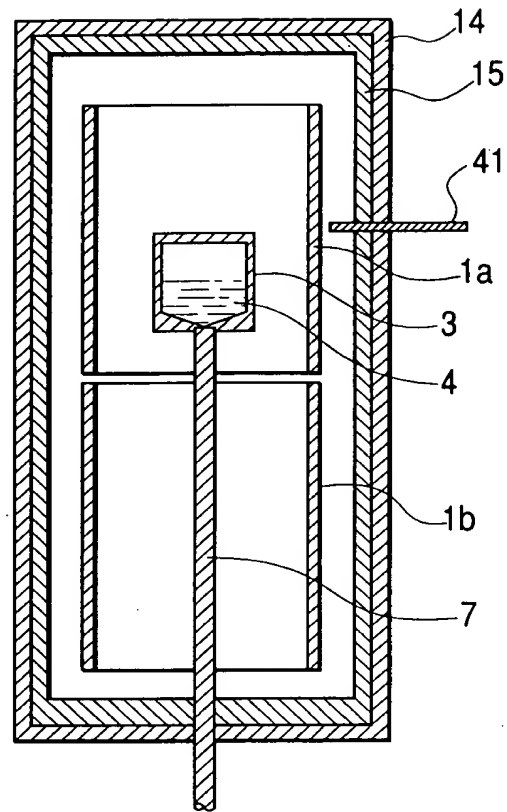


FIG. 2

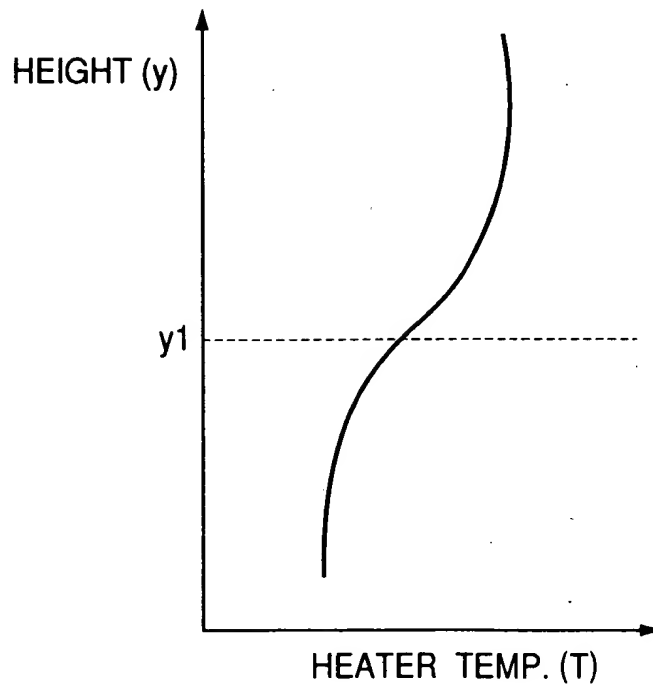


FIG. 4A

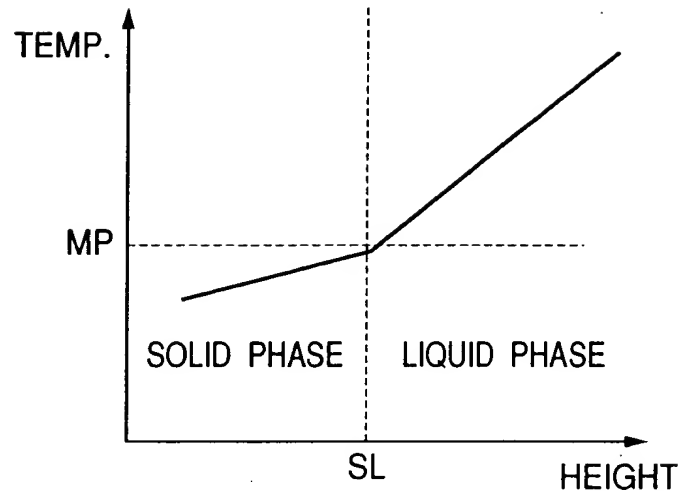


FIG. 4B

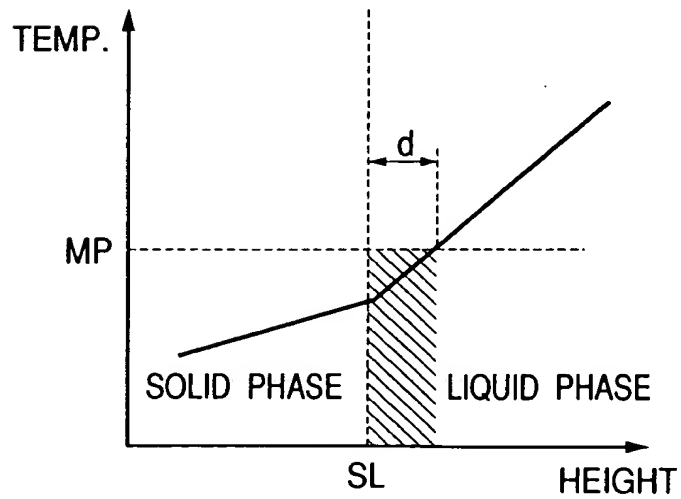


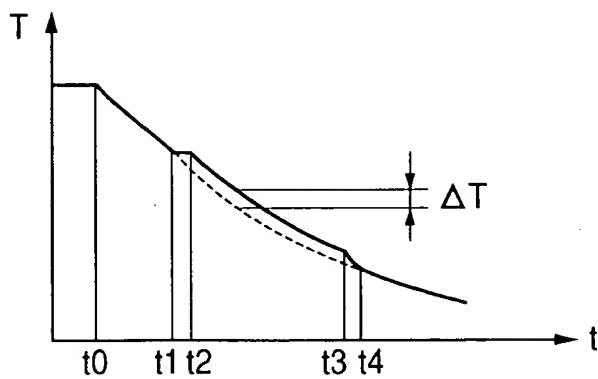
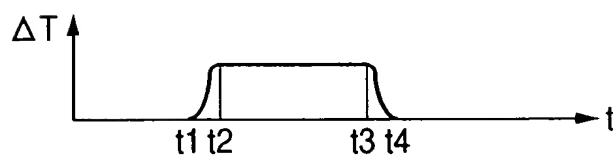
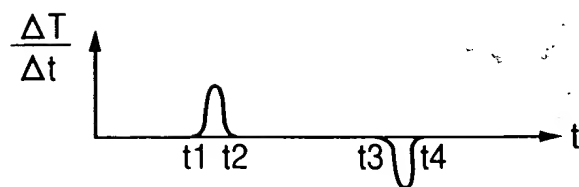
FIG. 5A*FIG. 5B**FIG. 5C*

FIG. 6

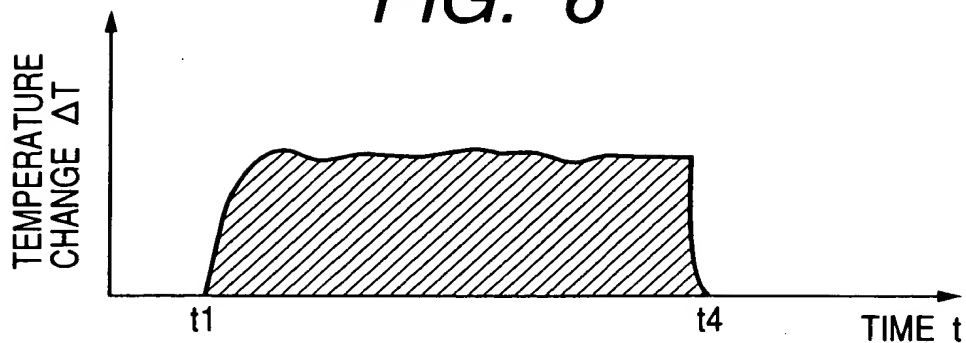


FIG. 7

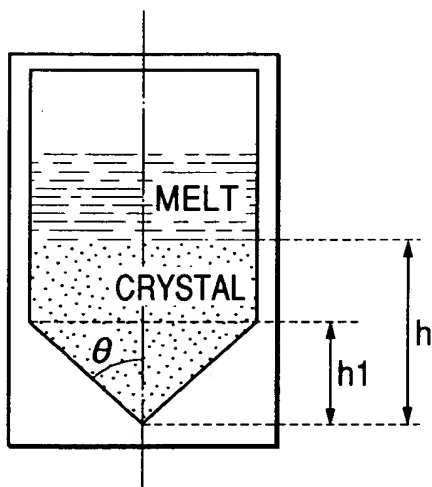


FIG. 8

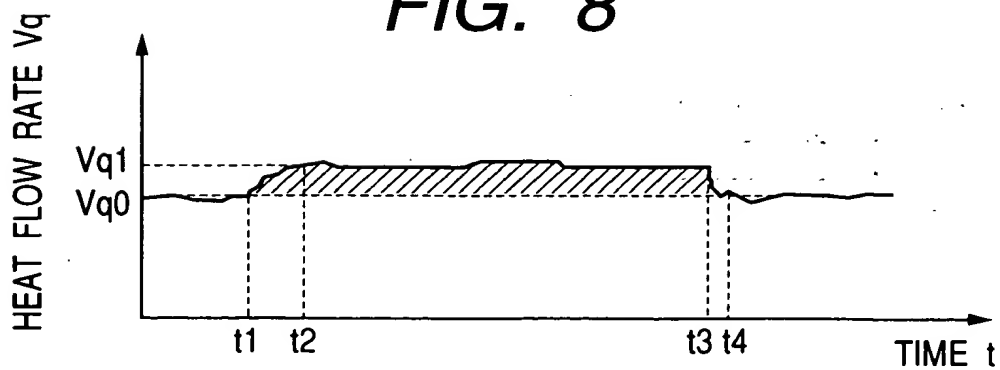


FIG. 9A

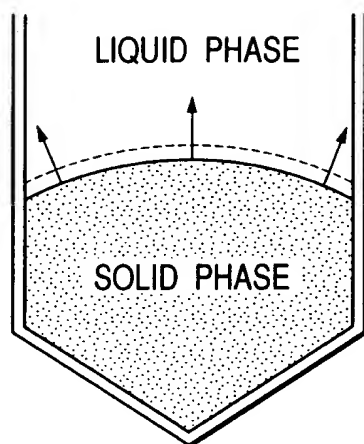


FIG. 9B

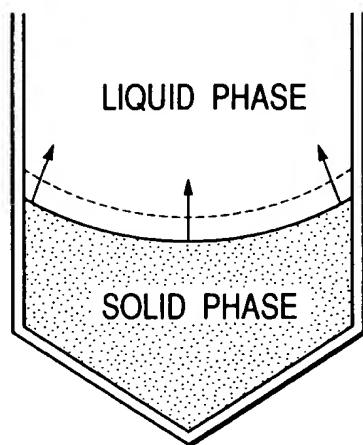


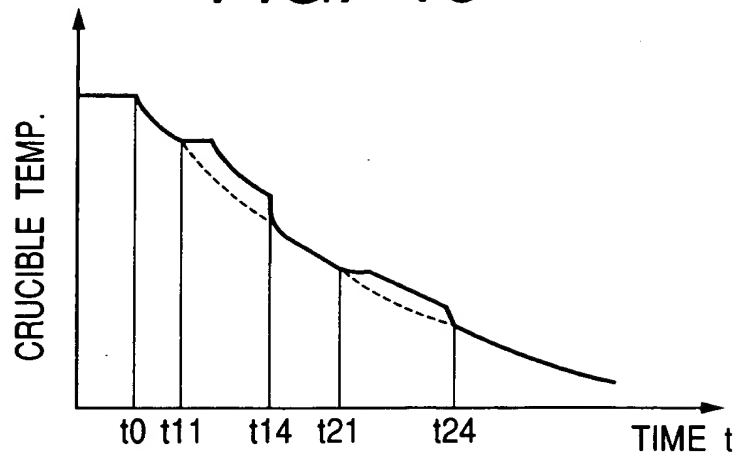
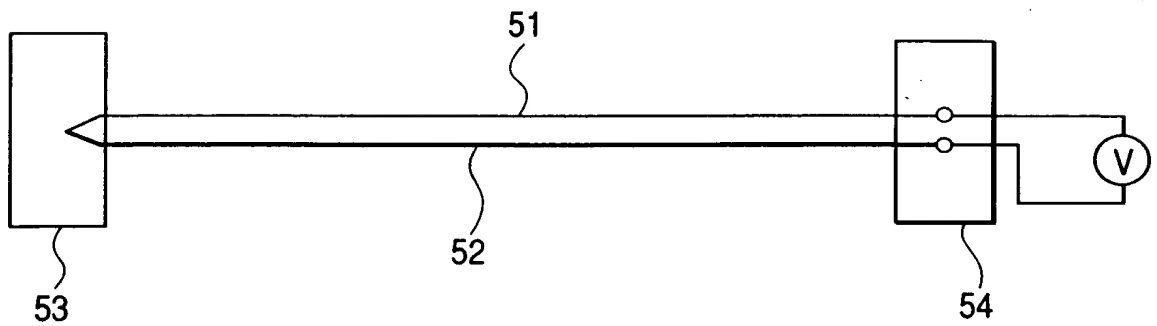
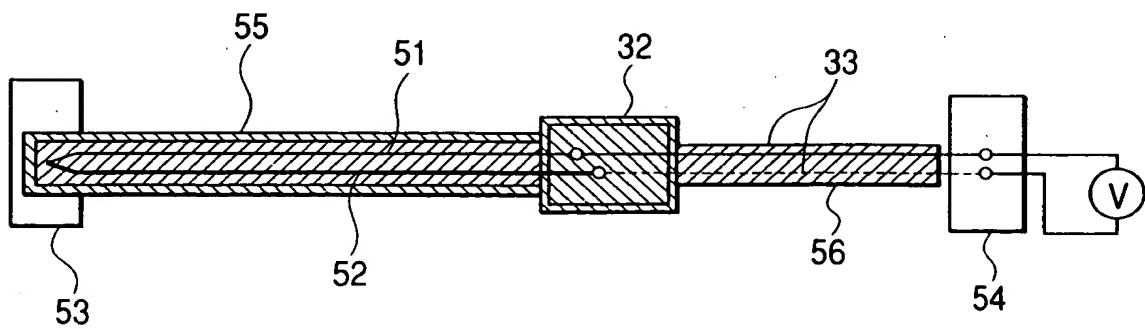
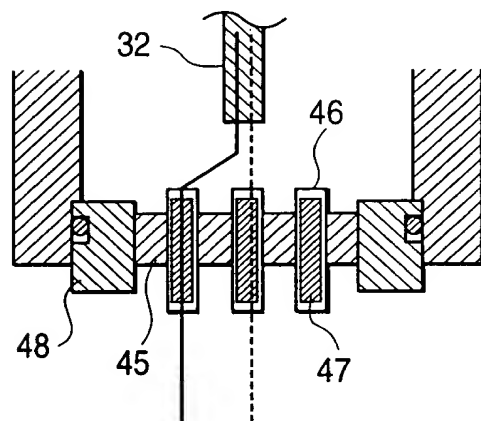
FIG. 10*FIG. 11**FIG. 12*

FIG. 14



This cross-sectional view shows a multi-layered assembly. At the top, two vertical structures labeled 32 are positioned. Below them is a horizontal layer 43. Underneath layer 43 is a row of five rectangular blocks labeled 42. These blocks are separated by vertical channels or gaps. The entire assembly is supported by a base layer 44. Two vertical dashed lines, each labeled 33 at the bottom, pass through the center of the blocks 42 and extend upwards through the layer 43 towards the structures 32.

The diagram illustrates a complex medical device, possibly a catheter or a probe, with a cross-sectional view showing its internal structure and external components. The device is composed of several main parts:

- Top Section:** A housing (1a) containing a fluid reservoir (4) and a valve assembly (18). The reservoir is connected to a control unit (2a).
- Central Shaft:** A long, thin shaft (10) with multiple internal channels. It is surrounded by a sleeve (15) and an outer housing (14). The shaft has a coiled section (9) and a lower section (16).
- Lower Section:** A lower housing (13) containing a valve assembly (17) and a control unit (2b). The lower housing is connected to a control unit (6).
- External Components:** A control unit (6) is connected to the device via a cable. A control unit (19) is connected to the lower housing (13) via a cable. A control unit (12) is connected to the lower shaft (11) via a cable.
- Fluid Flow:** Arrows indicate the direction of fluid flow from the reservoir (4) through the internal channels and out of the device.

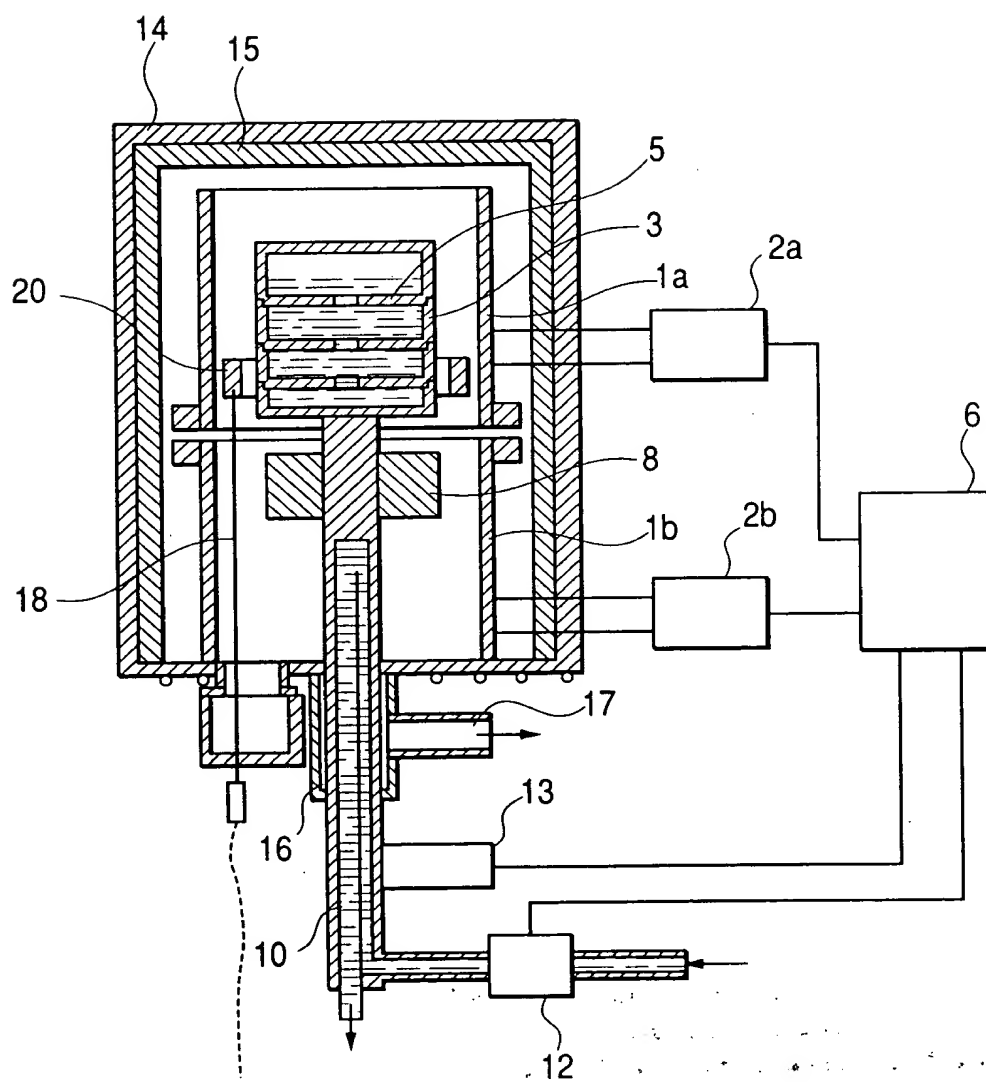


FIG. 18

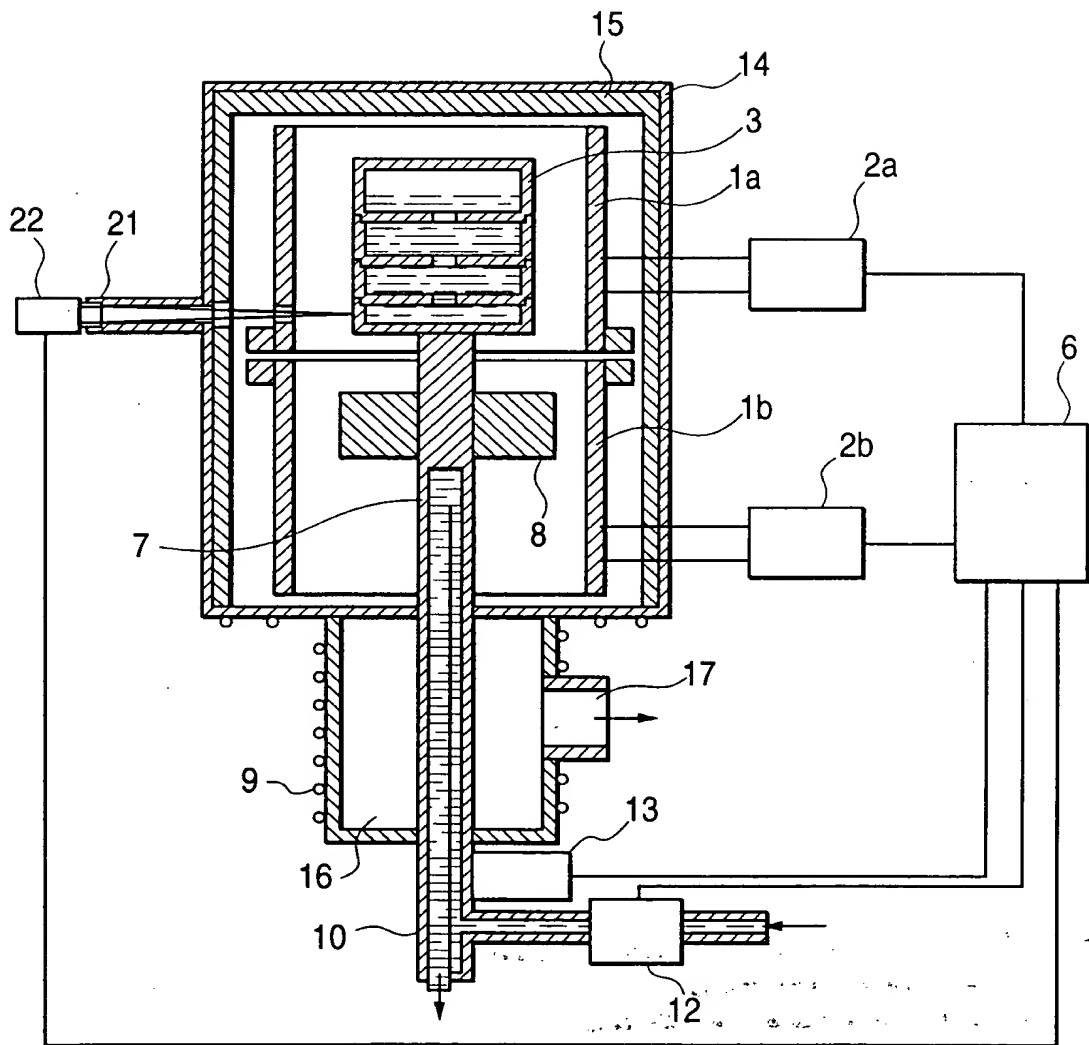


FIG. 19A

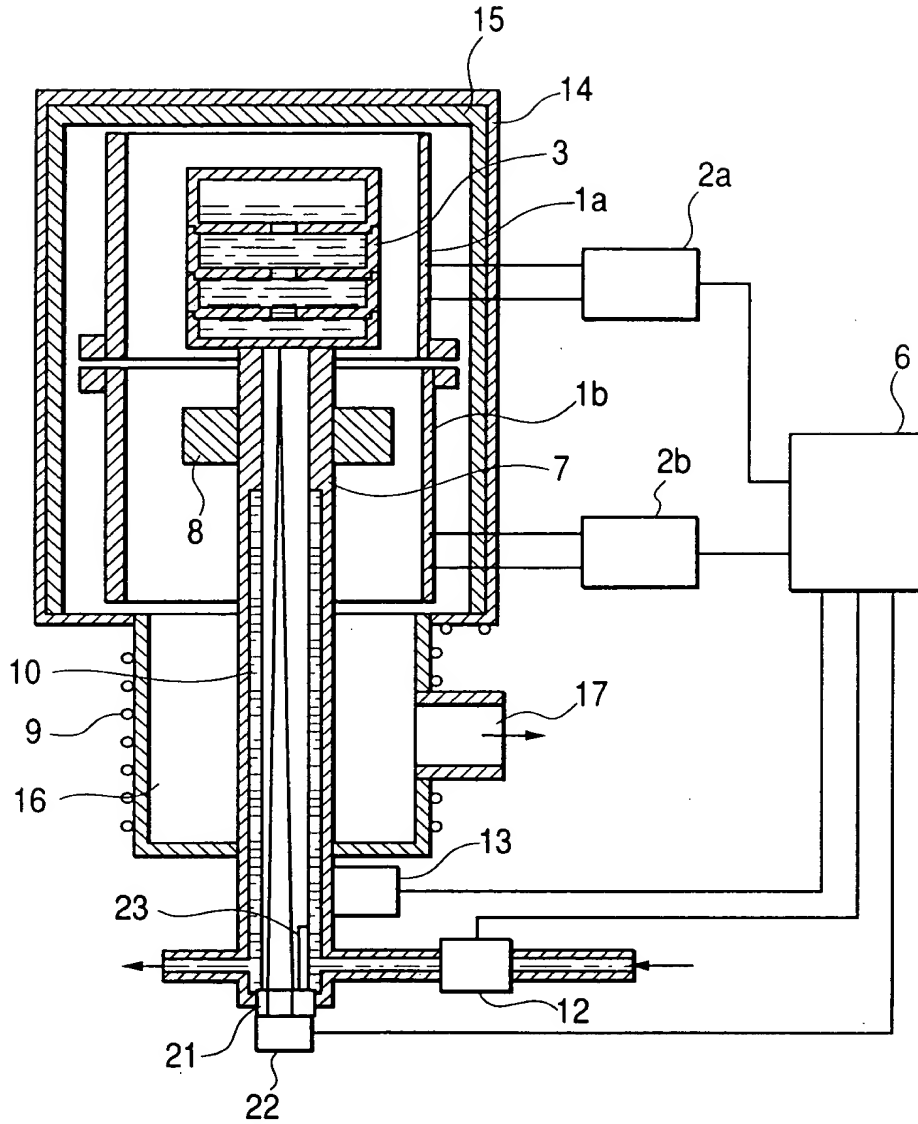


FIG. 19B

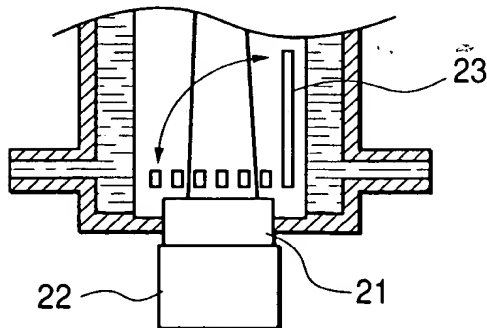


FIG. 20

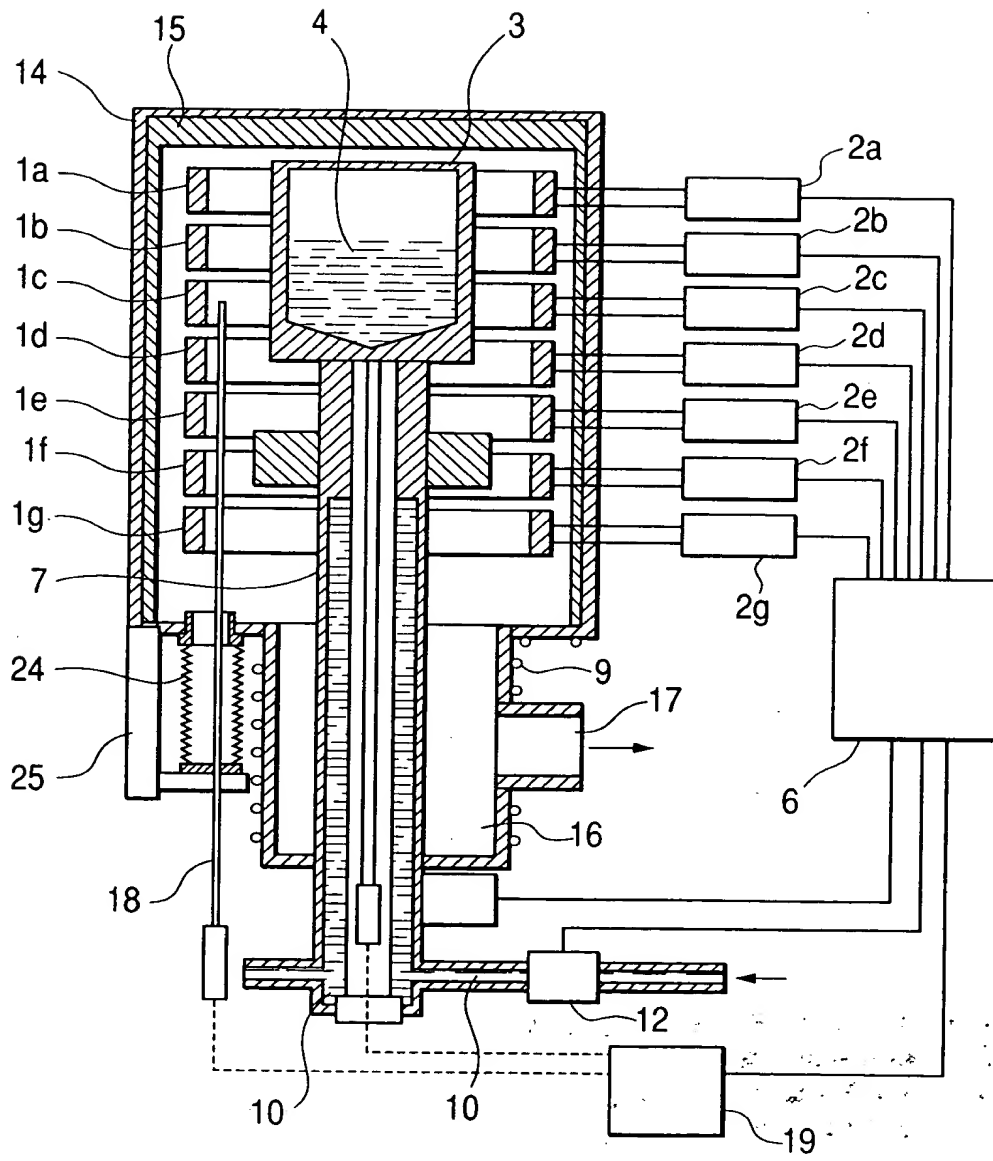


FIG. 21

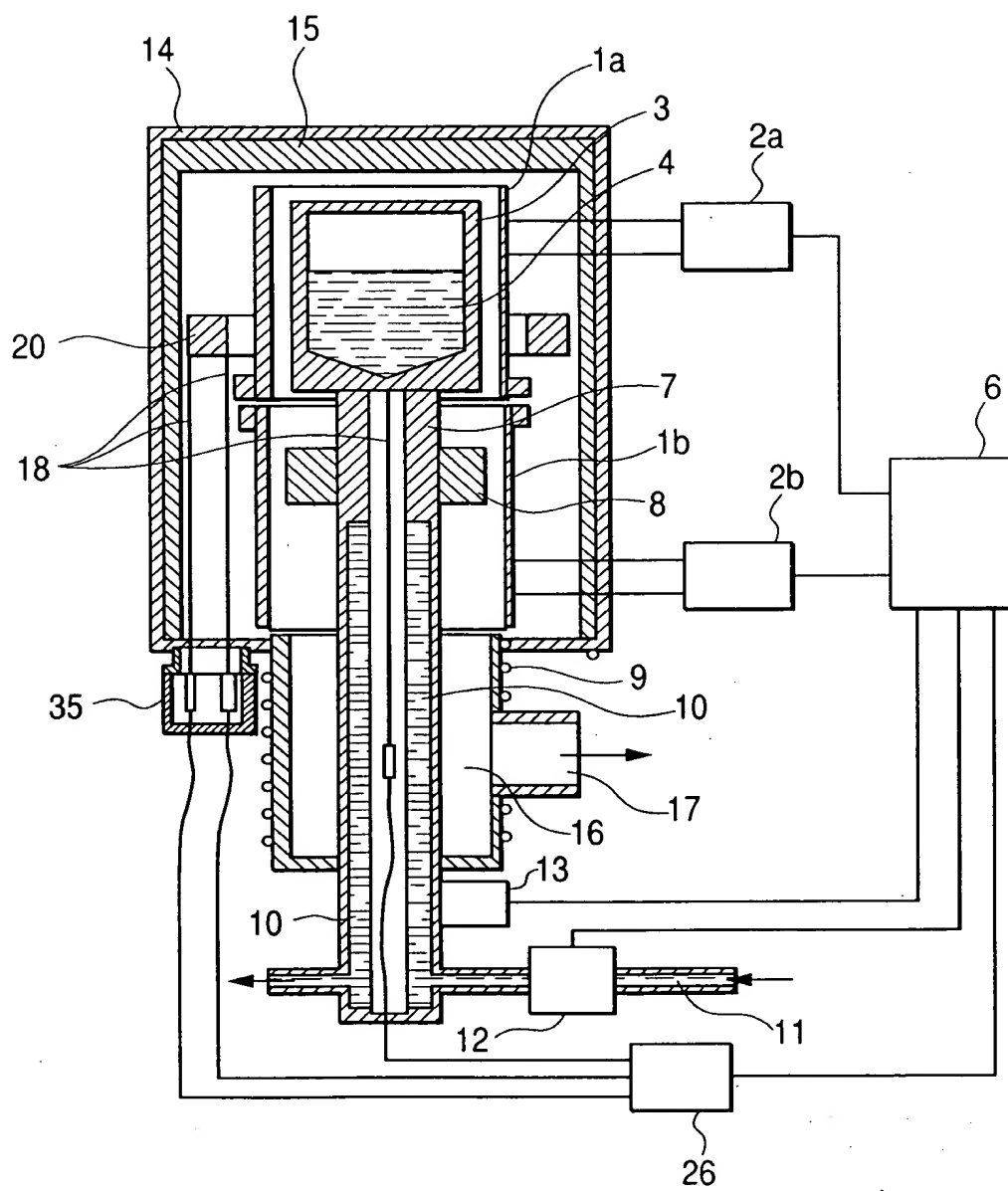


FIG. 22

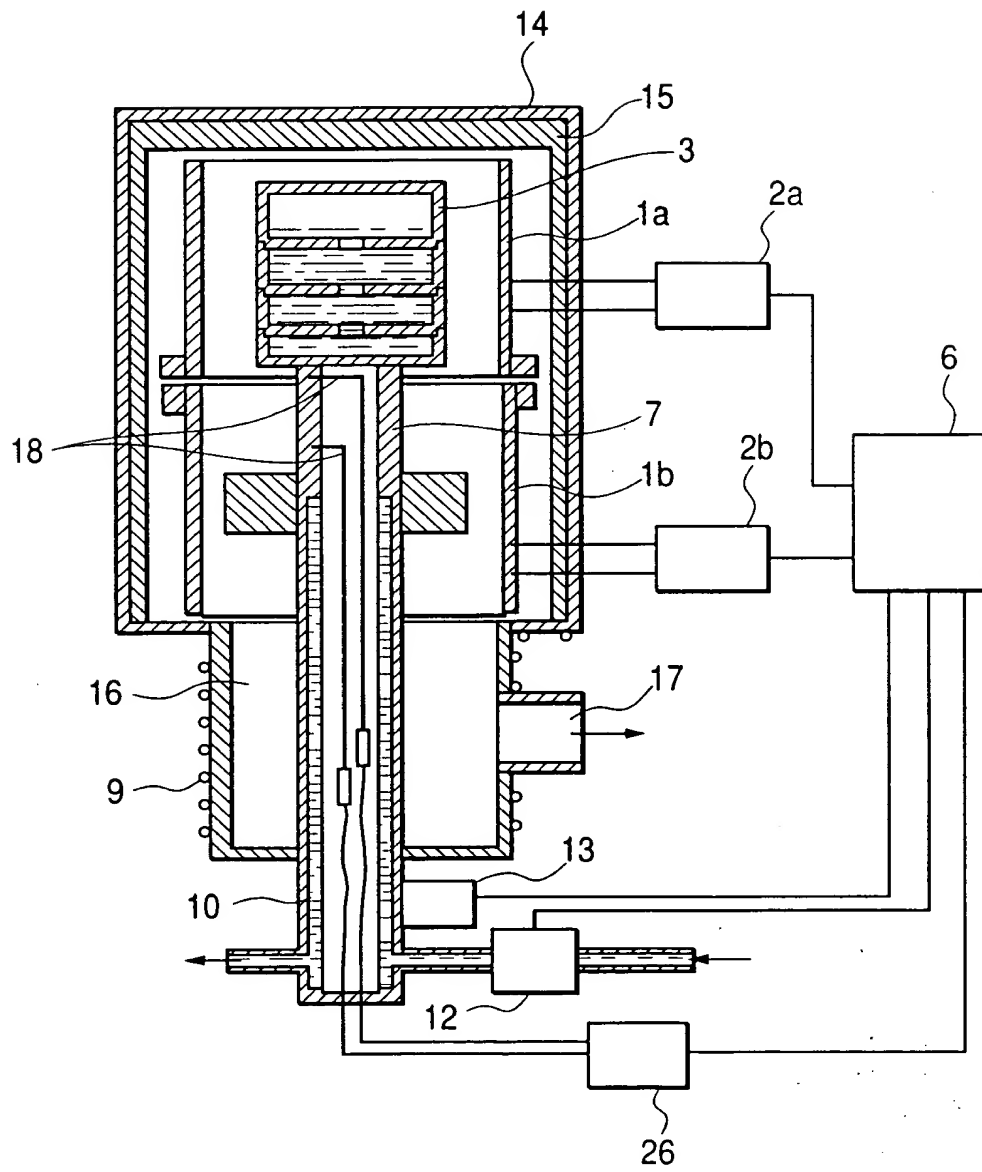


FIG. 23

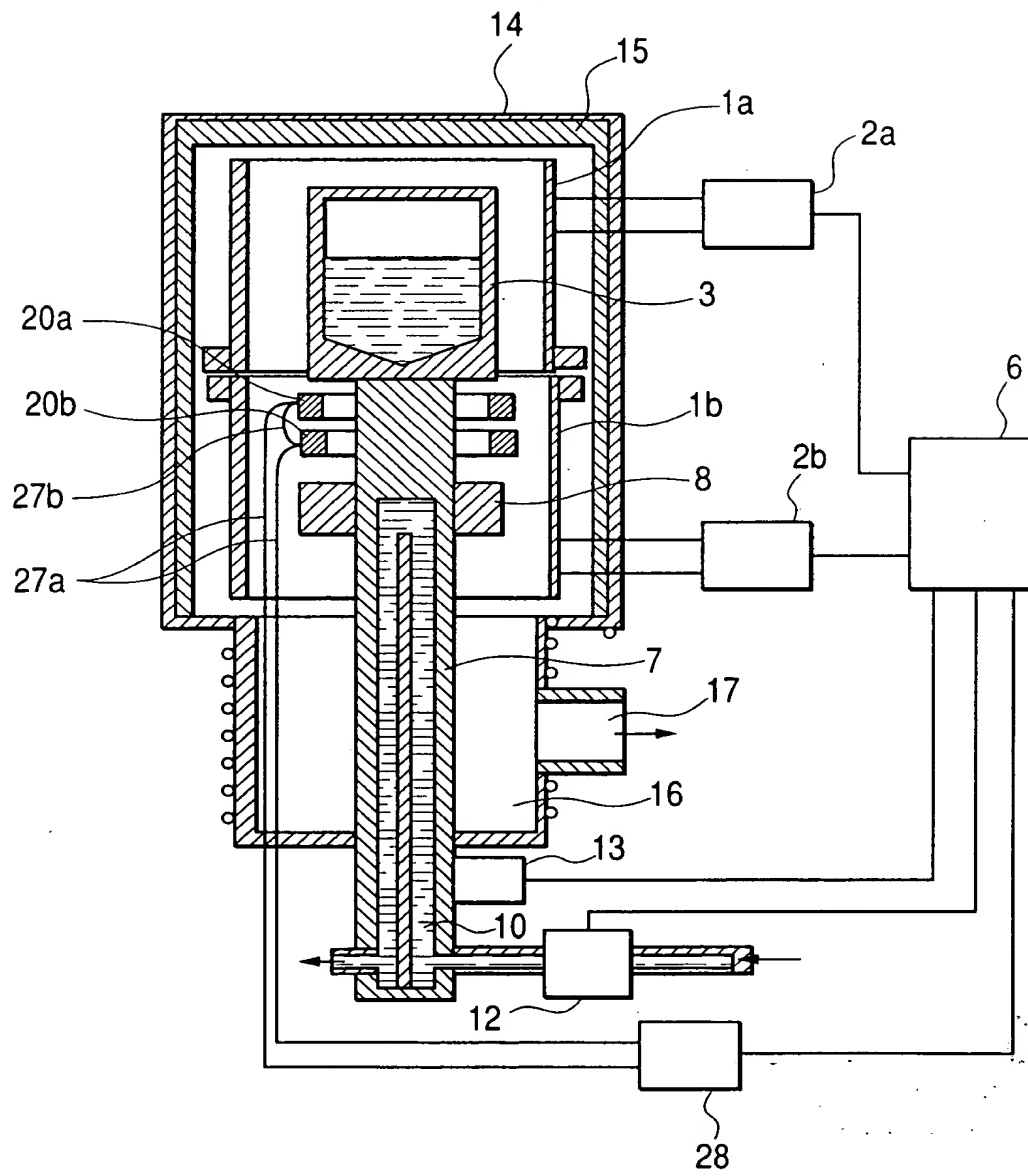


FIG. 24A

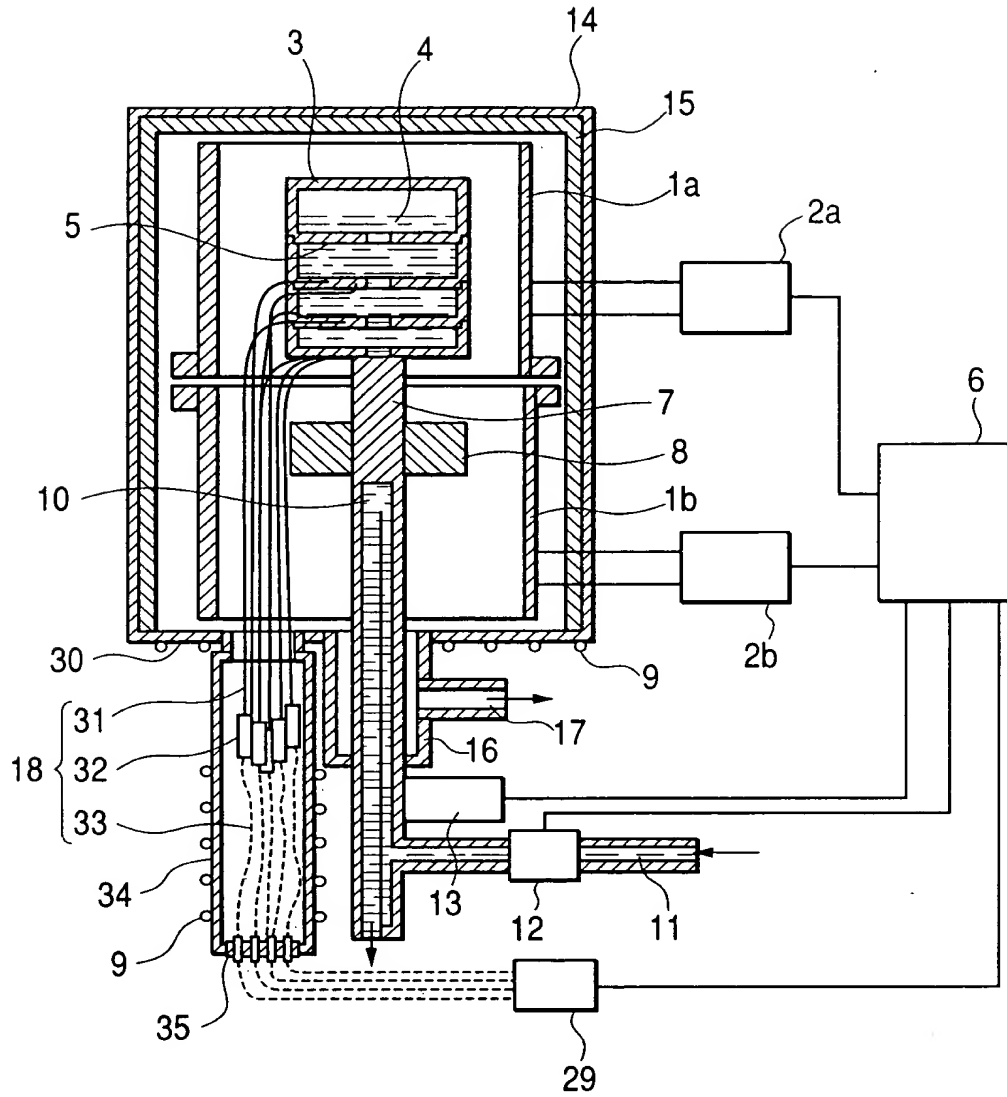


FIG. 24B

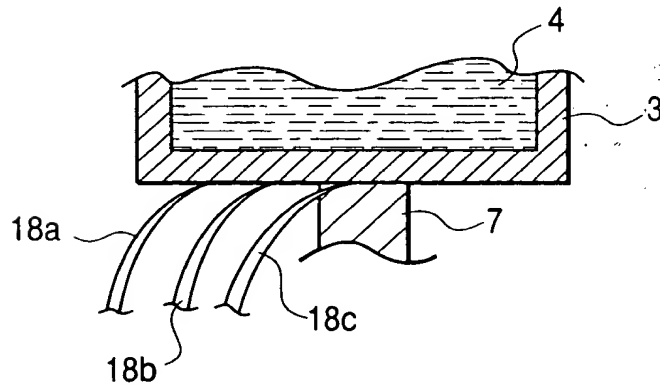


FIG. 25

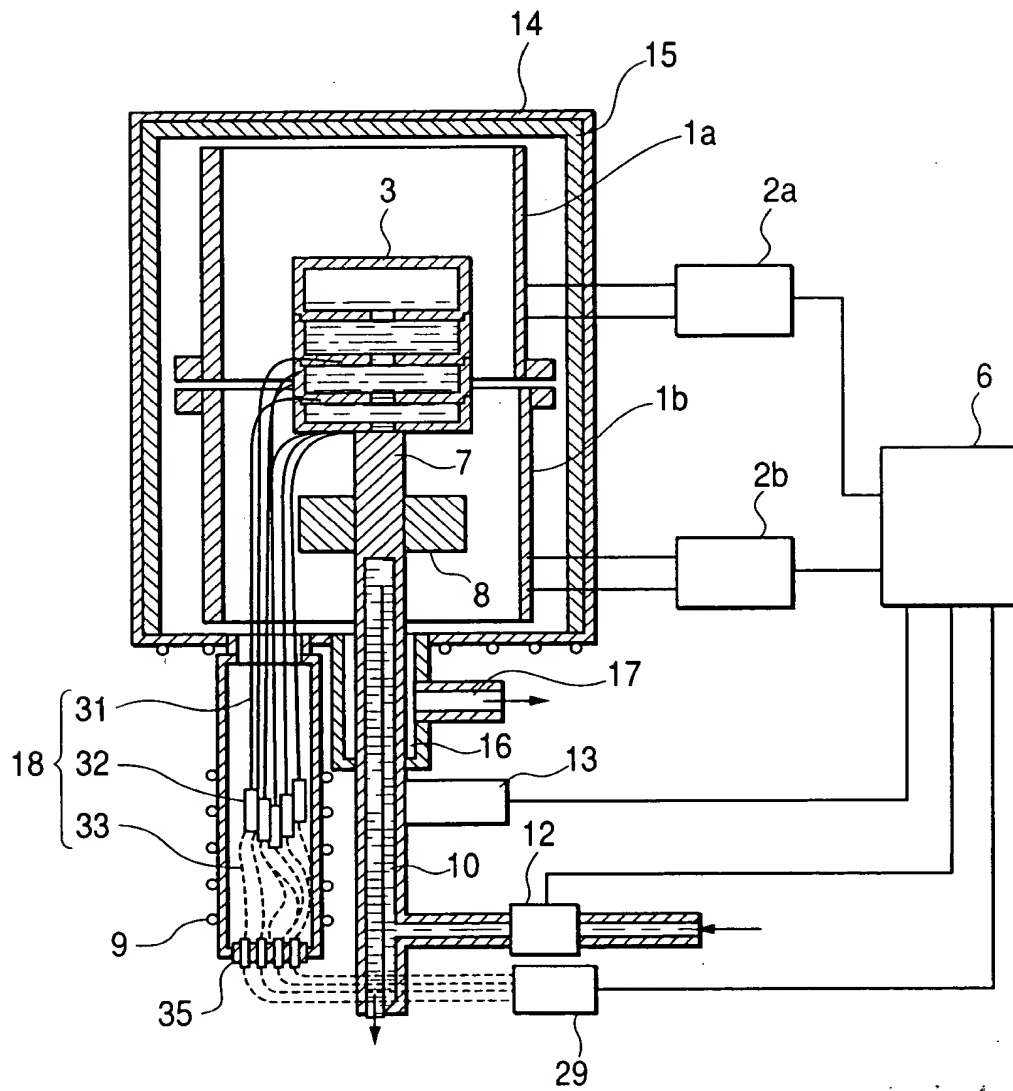
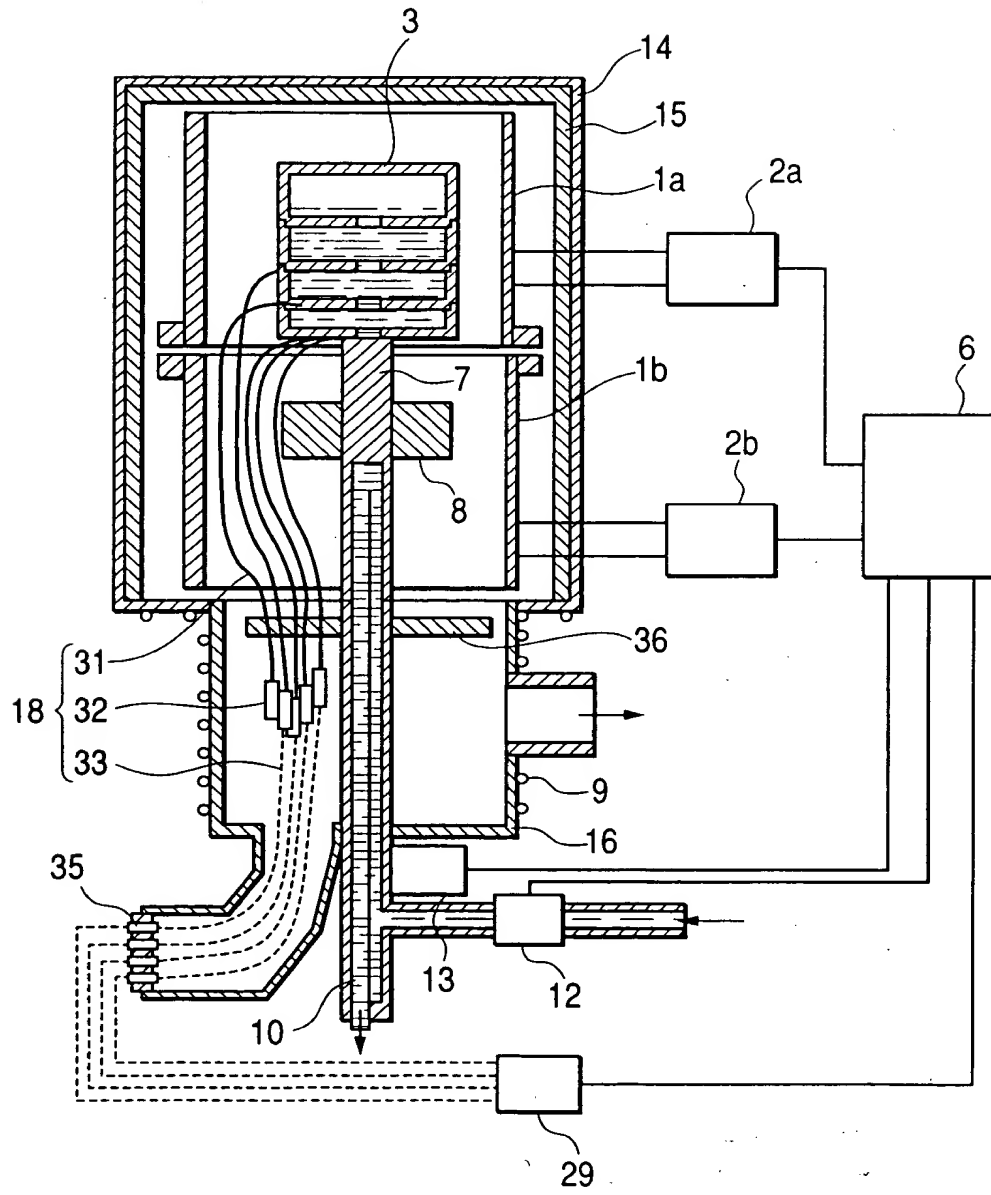
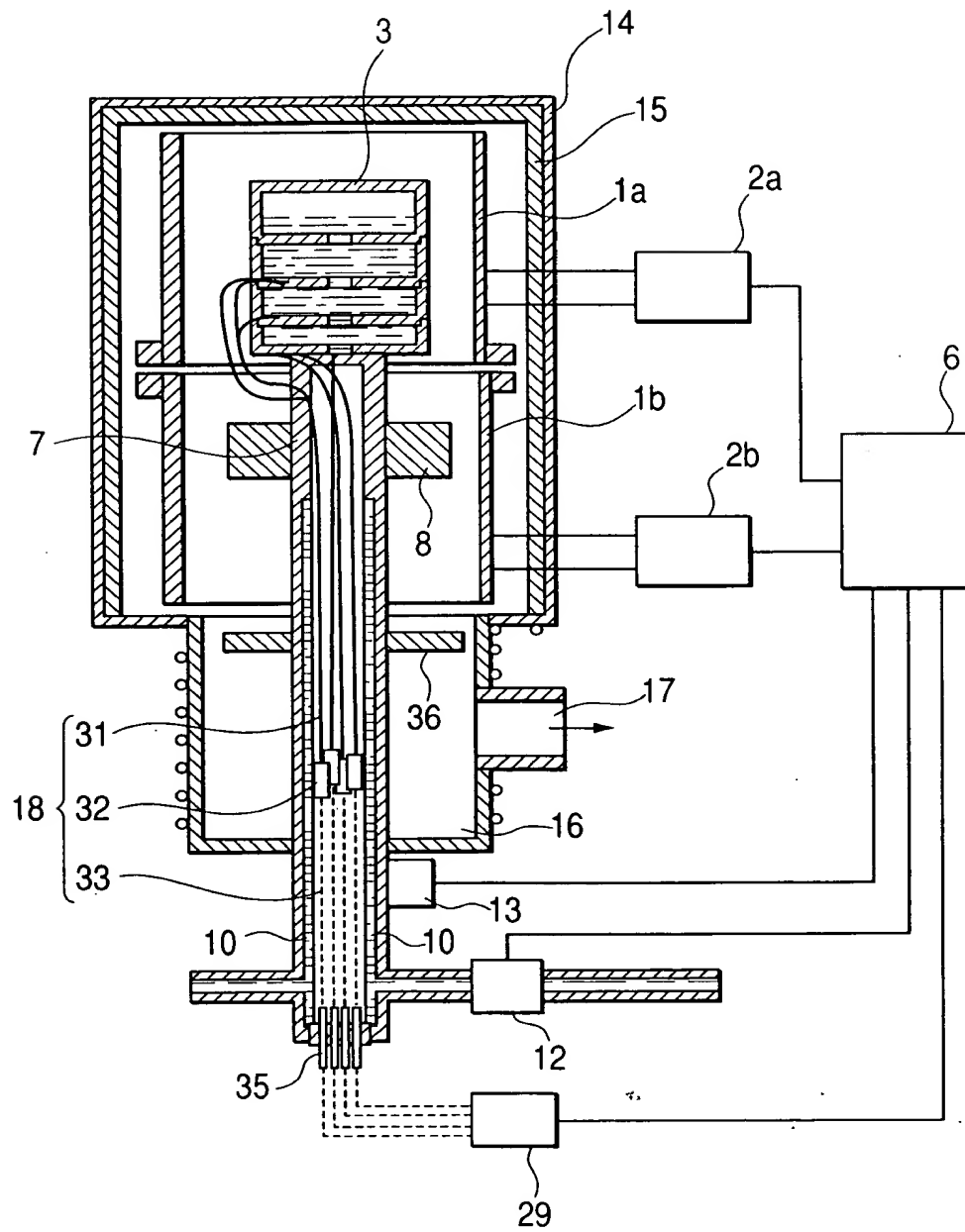


FIG. 26





Case	Age	Sex	Duration	Location	Findings
1	10	M	10 days	Left lower lobe	Consolidation, air bronchograms
2	12	F	15 days	Right upper lobe	Consolidation, air bronchograms
3	15	M	20 days	Left upper lobe	Consolidation, air bronchograms
4	18	F	25 days	Right lower lobe	Consolidation, air bronchograms
5	20	M	30 days	Left lower lobe	Consolidation, air bronchograms
6	22	F	35 days	Right upper lobe	Consolidation, air bronchograms
7	25	M	40 days	Left upper lobe	Consolidation, air bronchograms
8	28	F	45 days	Right lower lobe	Consolidation, air bronchograms
9	30	M	50 days	Left lower lobe	Consolidation, air bronchograms
10	32	F	55 days	Right upper lobe	Consolidation, air bronchograms
11	35	M	60 days	Left upper lobe	Consolidation, air bronchograms
12	38	F	65 days	Right lower lobe	Consolidation, air bronchograms
13	40	M	70 days	Left lower lobe	Consolidation, air bronchograms
14	42	F	75 days	Right upper lobe	Consolidation, air bronchograms
15	45	M	80 days	Left upper lobe	Consolidation, air bronchograms
16	48	F	85 days	Right lower lobe	Consolidation, air bronchograms
17	50	M	90 days	Left lower lobe	Consolidation, air bronchograms
18	52	F	95 days	Right upper lobe	Consolidation, air bronchograms
19	55	M	100 days	Left upper lobe	Consolidation, air bronchograms
20	58	F	105 days	Right lower lobe	Consolidation, air bronchograms

